

ANNUAL REPORT 2004

LaPorte County Health Department

**“Serving the Public Health Needs
of LaPorte County”**



LAPORTE COUNTY HEALTH DEPARTMENT

“Serving The Public Health Needs of LaPorte County”

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HEALTH OFFICERS REPORT

My third year as Health Officer for LaPorte County has again been very rewarding, thanks to the leadership of Paul Trost as Administrator and the management team of Lana Buckles, Joanne Hardacker, Nancy Lawrence and Tony Mancuso.

We expanded our efforts thanks to two new state grants. One from the Indiana State Department of Health for Emergency Preparedness and the second from the Indiana Department of Environmental Management for Lake Michigan enhanced water testing. West Nile Virus was not as big of a concern as it was in 2003, but I suspect it will loom large again in another year. We continue to provide an excellent immunization program and meet all Tuberculosis challenges head-on.



Charles T. Janovsky MD, Health Officer

Again, I look forward to serving LaPorte County as it's Health Officer in 2005.

Charles T. Janovsky M.D.

Health Officer

ADMINISTRATORS REPORT

Greetings,

Public Health in Indiana is changing and the LaPorte County Health Department is a leader in this change. We have chosen to lead by example. We are changing the way government and most specifically Public Health Departments look and act in Indiana.

In 2004 we took on a leadership role in adopting a “Smoke Free Resolution for LaPorte County”, provided immunization to an ever expanding base of children, expanded and improved our STI Clinics, took on a role of planner for Emergency Preparedness, increased the frequency of beach sampling, continued fair enforcement of food and sanitary codes and assisted the state in the development of a new vital records system.



Paul E. Trost, Administrator

The management team consists of myself, Nancy Lawrence, Office Manager and Clerical Supervisor; Lana Buckles, Chief Sanitarian and Michigan City Office Manager; Tony Mancuso, Environmental Supervisor; and Joanne Hardacker, Nursing Supervisor. This team is lead by Dr. Charles T. Janovsky, Health Officer. I am pleased to again report that our community was well served by the management team and the staff of 24 full time, 3 part-time employee's and 5 interns. The accompanying staff reports describe in detail the activities and the extensive outreach of the health department.

The LaPorte County Health Department management team and staff pledges to continue serving our community in a professional and efficient manner.

We will lead by example toward a healthier 2005.

Respectfully Submitted,

Paul E. Trost, Administrator

LAPORTE COUNTY BOARD OF HEALTH MEMBERS

Michael Sandy, Chairperson

Amarnath Agrawal, MD

Rakesh Gupta, MD

Michael Jones

Doretha Sanders

J. Willard Simcox

Sherry Waters

HEALTH DEPARTMENT ATTORNEY

Alan Sirinek

COUNTY COUNCIL LIAISON

Mark Yagelski

HEALTH DEPARTMENT ADMINISTRATION

Charles T. Janovsky, MD, Health Officer

Paul E. Trost, Administrator

Nancy Lawrence, Administrative Assistant/Office Manager

Lana Buckles, Chief Sanitarian/Michigan City Branch Manager

Tony Mancuso, Environmental Supervisor

Joanne Hardacker, RN, Nursing Supervisor

STAFF MEMBERS

Mary Allen, Vital Records Registrar

Michelle Bealor, Environmental Health Services Secretary

James Downey, Environmental Health Specialist

Julie Davies Downie, Vital Records Secretary

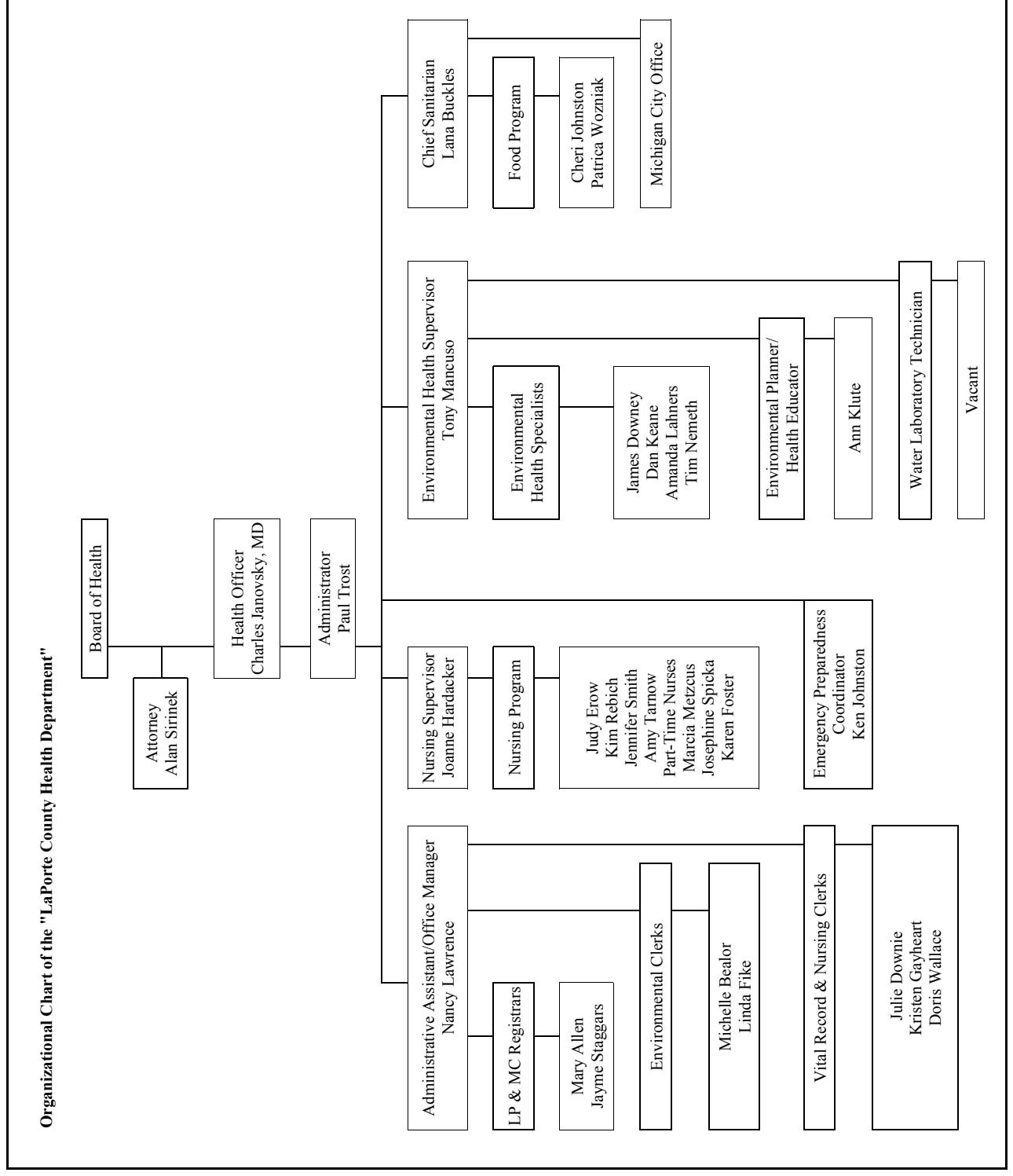
Jon Durham, Intern

STAFF MEMBERS (Continued)

Judy Erow, RN, Public Health Nurse
Linda Fike, Environmental Health Services Secretary
Karen Foster, RN, Part-time Public Health Nurse
Kristen Gayheart, Vital Record Secretary
Paulina Grezesiak, Intern
Cheri Johnston, Food Environmentalist
Ken Johnston, Emergency Preparedness Coordinator
Daniel Keane, Environmental Health Specialist
Ann Klute, Environmental Planner/Health Educator
Amanda Lahners, Environmental Health Specialist
Marcia Metzcus, RN, Part-time Public Health Nurse
Tim Nemeth, Environmental Health Specialist
Kimberly Rebich, RN, Public Health Nurse
Jennifer Smith, RN, Public Health Nurse
Josephine Spicka, RN, Part-time Public Health Nurse
Jayme Staggers, Vital Records Registrar
Amy Tarnow, RN, Public Health Nurse
Doris Wallace, Nursing Section Secretary
Autumn Wenzel, Intern
Jessica Whiting, Intern
Brynn Wozniak, Intern
Patricia Wozniak, Food Environmentalist

FORMER 2004 STAFF MEMBERS

Erica Flegel, Laboratorian
Kathleen Koehler, RN, Nursing Supervisor
George Sharp, Environmentalist



HEALTH DEPARTMENT OPERATION

Main Office

809 State Street, Suite 401A
LaPorte IN 46350-3385
219-326-6808 ext 200
219-879-9383
219-325-8628 (fax)

Branch Office

302 West 8th Street, Suite 3
Michigan City, IN 46360
219-874-3755
219-873-3018 (fax)
219-873-0000 (TB fax)



Nancy Lawrence,
Administrative Assistant/Office Manager

Both the main office and the Michigan City branch office of the LaPorte County Health Department maintain the hours of 8 a.m. to 4 p.m., Monday through Friday.

HEALTH BOARD: The LaPorte County Board of Health consists of seven (7) members who serve four-year terms and are appointed by the LaPorte County Board of Commissioners.

HEALTH OFFICER: The LaPorte County Health Department Health Officer serves a four-year term in a part-time capacity and is appointed by the Board of Health.

ADMINISTRATOR: The LaPorte County Health Department Administrator manages the daily operations of the Health Department and is appointed by the Board of Health.

STAFF: In 2004 the LaPorte County Health Department maintained a staff of 24 full-time employees, 3 part-time employees, and 5 interns.

DEPARTMENTS: The Health Department has seven sections that provide various services to the LaPorte County area. The following is a brief description of each section.

VITAL RECORDS: Vital Records sections are located in both offices. This section issues and maintains birth and death records starting in 1882 for persons who were born or died in LaPorte County. The section also does genealogy searches and maintains animal bite reports.

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NURSING SERVICES: Located in both offices, our Nursing section offers immunizations, communicable disease control and investigation, lead screening, pregnancy testing and counseling, tuberculosis testing and counseling, blood profile screenings, HIV/AIDS testing and counseling, and some travel immunizations. The section also provides STD testing and counseling in conjunction with the Franklin Clinic in Michigan City and Community Health Center in LaPorte.

ON-SITE SEWAGE SYSTEM (OSS): The OSS Section is located in the LaPorte office and issues septic permits for new construction and for repairs to older septic systems. The section also investigates complaints regarding failed septic systems.

WATER LABORATORY: The Water Laboratory is located in the LaPorte office and tests water samples from drinking water sources, surface water sources including area bathing beaches, and public swimming pools, spas, and whirlpools. The following tests are offered on water samples: Total Coliform with E. coli confirmation, E. coli (for surface water), lead, nitrate, nitrite, iron, phosphorus, and suspended solids.

ENVIRONMENTAL: The Environmental section is located in the LaPorte Office. This section investigates complaints and advises residents on a variety of topics such as substandard housing, rodent/vector infestation and harborage, open burning, trash and garbage, unsanitary living conditions and hazardous waste. The section also inspects and issues permits for public and semi-public pools and spas.

FOOD: Located in the Michigan City office, the Food section inspects and issues permits to food vendors such as restaurants, grocery stores, convenience stores, and mobile and temporary food vendors. The section also investigates food-related complaints and conducts food sanitation classes.



EMERGENCY PREPAREDNESS: Located in the LaPorte Office this new grant funded position of Emergency Preparedness Coordinator is charged with the responsibility of developing plans for all types of health emergencies and to coordinate this activity with all other community, district and state agencies.

HEALTH FUNDS FINANCIAL STATEMENTS

GENERAL HEALTH FUND (219)

STATEMENT OF RECIEPTS

| | <u>2003</u> | <u>2004</u> |
|---|---------------------|-----------------------|
| Property Tax | 619,960.91 | 1,621,997.90 |
| Financial Institution Tax | 4,148.00 | 4,405.00 |
| Warrants N/U/F Purpose Intent/Over 2 yrs. | 67.86 | 0.00 |
| License Excise Tax | 98,384.23 | 79,206.64 |
| Permits (Water, Food, Septic, etc.) | 113,431.25 | 110,267.50 |
| Immunizations | 14,608.70 | 4,755.30 |
| Birth/Death Certificates | 51,372.02 | 52,275.00 |
| Misc./CVET/ Reimb. /Receipts | 9,255.49 | 24,297.15 |
| TOTAL RECEIPTS | \$911,228.46 | \$1,897,204.49 |

STATEMENT OF EXPENDITURES

| | <u>2003</u> | <u>2004</u> |
|-----------------------------------|-----------------------|-----------------------|
| PERSONAL SERVICES | | |
| Salaries | 753,410.09 | 760,869.29 |
| OASI Withheld | 45,154.24 | 44,972.03 |
| Medicare Withheld | 10,559.98 | 10,517.60 |
| County Retirement Contributions | 32,116.98 | 34,695.64 |
| Employee Group Insurance | 107,009.66 | 98,598.00 |
| Compensation – Board Members | 2,475.00 | 2,887.50 |
| Doctor – Health Officer | 18,285.96 | 19,809.79 |
| Unemployment Compensation | | 4,176.00 |
| TOTAL PERSONAL SERVICES | \$969,011.91 | \$976,525.85 |
| SUPPLIES | | |
| Office Supplies | 12,169.76 | 9,000.20 |
| Equipment (Service/Repair) | 8,676.51 | 7,836.04 |
| Laboratory Supplies | 29,782.66 | 29,546.60 |
| Educational Supplies | 1,372.36 | 3,306.03 |
| Environmental Supplies | 4,406.15 | 3,510.69 |
| TOTAL SUPPLIES | \$56,407.44 | \$53,199.56 |
| SERVICES | | |
| Professional Health Care Services | 40,944.29 | 37,610.87 |
| Postage | 8,210.73 | 8,386.33 |
| Mileage | 29,459.38 | 25,456.47 |
| Telephone | 7,314.87 | 3,124.36 |
| Leases Equipment | 14,835.33 | 7,411.37 |
| Publishing | 321.4 | 881.69 |
| Education Inst. Training | 4,503.20 | 6,187.37 |
| Litigation Expenses | 7,040.00 | 5,460.00 |
| TOTAL SERVICES | \$112,629.20 | \$94,518.46 |
| TOTAL EXPENDITURES | \$1,138,048.55 | \$1,124,243.87 |

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LOCAL HEALTH MAINTENANCE (520)

STATEMENT OF RECIEPTS

| | <u>2003</u> | <u>2004</u> |
|-----------------------|--------------------|---------------------|
| Grant Monies ISDH | \$84,376.00 | \$72,672.00 |
| Carryover | 11,901.68 | 56,570.01 |
| TOTAL RECEIPTS | \$96,277.68 | \$129,242.01 |

STATEMENT OF EXPENDITURES

| | <u>2003</u> | <u>2004</u> |
|---------------------------------|--------------------|--------------------|
| PERSONAL SERVICES | | |
| Salaries | 46,298.84 | 37,453.44 |
| OASI Withheld | 2,799.93 | 2,288.09 |
| Medicare Withheld | 654.83 | 535.15 |
| County Retirement Contributions | 1,406.94 | 1,050.24 |
| Employee Group Insurance | 3,347.04 | 1,181.28 |
| TOTAL PERSONAL SERVICES | \$54,507.58 | \$42,508.20 |
| SUPPLIES | | |
| Animal/Vector Supplies | 783.95 | 3,868.30 |
| TOTAL SUPPLIES | \$783.95 | \$3,868.30 |
| SERVICES | | |
| Mileage/Travel | 1,620.00 | 1,432.26 |
| TOTAL SERVICES | \$1,620.00 | \$1,432.26 |
| OTHER | | |
| Office Equip/Furniture | 0 | 7,982.00 |
| TOTAL OTHER | \$0 | \$7,982.00 |
| TOTAL EXPENDITURES | \$56,911.53 | \$55,790.76 |

COMMUNICABLE DISEASE FUND (526)

(non-reverting)

STATEMENT OF RECIEPTS

| | <u>2003</u> | <u>2004</u> |
|-------------------------|--------------------|--------------------|
| Carry Over Balance | 7,272.60 | 24,478.65 |
| Receipts | 24,563.00 | 43,372.00 |
| Expenditures | 7,356.95 | 38,795.94 |
| Year End Balance | \$24,478.65 | \$29,054.71 |

TOBACCO MASTER SETTLEMENT (305)

(non-reverting)

STATEMENT OF RECIEPTS

| | <u>2003</u> | <u>2004</u> |
|-------------------------|--------------------|--------------------|
| Carry Over Balance | 65,557.46 | 70,430.75 |
| Receipts | 47,664.71 | 47,574.76 |
| Expenditures | 42,791.42 | 44,548.13 |
| Year End Balance | \$70,430.75 | \$73,457.38 |

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EMERGENCY PREPARDNESS GRANT (293)

STATEMENT OF RECIEPTS

| | <u>2003</u> | <u>2004</u> |
|-------------------------|--------------------|--------------------|
| Carry Over Balance | | 32,719.86 |
| Receipts | 35,416.00 | 33,289.99 |
| Expenditures | 2,696.14 | 29,916.72 |
| Year End Balance | \$32,719.86 | \$36,093.13 |

STATEMENT OF EXPENDITURES

2003

2004

PERSONAL SERVICES

| | | |
|---------------------------------|------|----------|
| Salaries | 0.00 | 8,981.10 |
| OASI Withheld | 0.00 | 548.95 |
| Medicare Withheld | 0.00 | 128.38 |
| County Retirement Contributions | 0.00 | 0.00 |
| Employee Group Insurance | 0.00 | 491.76 |

TOTAL PERSONAL SERVICES

\$0.00

\$10,150.19

SUPPLIES/SERVICES/OTHER

| | | |
|--------------------|-------------------|--------------------|
| Claims | 2696.14 | 19,766.53 |
| TOTAL OTHER | \$2,696.14 | \$19,766.53 |

TOTAL EXPENDITURES

\$2,696.14

\$29,916.72

BEACH ACT GRANT (370)

STATEMENT OF RECIEPTS

| | <u>2003</u> | <u>2004</u> |
|-------------------------|--------------------|---------------------|
| Receipts | | 27,579.42 |
| Expenditures | | 39,738.06 |
| Year End Balance | | -\$12,158.64 |

STATEMENT OF EXPENDITURES

PERSONAL SERVICES

| | | |
|--------------------------------|--|-------------------|
| Salaries | | 5,445.20 |
| OASI Withheld | | 337.61 |
| Medicare Withheld | | 78.98 |
| TOTAL PERSONAL SERVICES | | \$5,861.79 |

SUPPLIES/SERVICES/OTHER

| | | |
|--------|--|-----------|
| Claims | | 33,876.27 |
|--------|--|-----------|

TOTAL OTHER

\$33,876.27

TOTAL EXPENDITURES

\$39,738.06

ENVIRONMENTAL HEALTH FUND (519)

(non-reverting)

There was no activity in this account in 2004, the current balance is \$58,873.67.

VITAL RECORDS

The Vital Records Department had the opportunity to engage in the pilot program for a new Vital Records Vision Web computer program that would have put the entire State of Indiana into one database. Unfortunately, the vendor ManTech could not put such a program into reality. Since that experience the Indiana State Department of Health has collaborated with the Indiana Vital Records Associations executive committee to put years of experience into a task force.

Mary E. Allen, Vital Records Registrar of LaPorte County and North Chapter President of the Indiana Vital Records Association is a member of the Core Operations Vital Events Registration (COVER) Task Force Team. This team has been constructed to reflect both the demographics of Indiana's Local health Department and the experience and skills of Indiana's local registrars. This team met in Indianapolis 2 to 3 times a month from July to October to put a system together that will meet the requirements of vital events registration and data collection statewide. This new Web program will include the functionality necessary to capture, maintain, report and store data pertaining to a birth event. The birth module of this new system has been completed and approved by the new vendor who will write the program with the Indiana State Department of Health. This new vendor (GENESIS) has had experience in the past with vital records nationwide and is confident that they can provide a system to the State of Indiana.

Our hopes and goals of the COVER task team, is that this new birth module system is implemented by January 1, 2006. The next goal of this team is to create a death record module to act similarly to that of the birth module. We look forward to collecting vital records data in a more timely fashion so that grants and programs such as SSA, NCHS, Stastical, Child Support, Immunization, and Annual Reports can benefit in the data collection statewide.

RECORDS

The following types of records were obtained by requesting persons: adoptions; legitimations, paternity; and, amendments. Among birth verification records were military, social security, welfare, and miscellaneous related categories. There were notifications verifying birth record information.

STATISTICS

| | | | |
|---|---------------------------|-------------------------|--------------------------|
| Live Births (including Confidential) | LaPorte County | LaPorte City | Michigan City |
| Male | 638 | 358 | 280 |
| Female | 691 | 375 | 316 |
| | 1329 | 733 | 596 |
| Note: 21 sets of Twins, 0 sets of Triplets | | | |
| Deaths | LaPorte County | LaPorte City | Michigan City |
| Male | 521 | 266 | 255 |
| Female | 500 | 261 | 239 |
| | 1021 | 527 | 494 |

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BIRTH BREAKDOWN TABLE

| <u>SEX OF CHILD:</u> | <u>ONE PARENT</u> | <u>TWO PARENTS</u> | <u>TOTAL</u> |
|----------------------|-------------------|--------------------|--------------|
| Male | 298 | 340 | 638 |
| Female | 337 | 354 | 691 |

| <u>AGE OF MOTHER:</u> | <u>ONE PARENT</u> | <u>TWO PARENTS</u> | <u>TOTAL</u> |
|-----------------------|-------------------|--------------------|--------------|
| 14 & Under | 3 | 0 | 3 |
| 15-18 | 103 | 5 | 108 |
| 19 | 55 | 11 | 66 |
| 20-24 | 267 | 164 | 431 |
| 25-29 | 124 | 236 | 360 |
| 30-34 | 51 | 176 | 227 |
| 35-39 | 23 | 84 | 107 |
| 40 & Over | 9 | 18 | 27 |

| <u>ETHNICITY OF</u> | <u>ONE PARENT</u> | <u>TWO PARENTS</u> | <u>TOTAL</u> |
|---------------------|-------------------|--------------------|--------------|
| White | 475 | 601 | 1076 |
| Black | 124 | 38 | 162 |
| Hispanic | 28 | 44 | 72 |
| Nat. Amer. | 0 | 2 | 2 |
| Asian Pac. | 2 | 5 | 7 |
| Mul-Rac. | 2 | 1 | 3 |
| Other | 2 | 3 | 5 |

| | | | |
|--------------------|---|---|---|
| <u>HOME BIRTHS</u> | 0 | 4 | 4 |
|--------------------|---|---|---|

Birth and Death Certificates Issued

| | Birth | | | Death | | |
|---------------|---------------|-------------|----------|---------------|-------------|----------|
| | Number Issued | Number Free | Receipts | Number Issued | Number Free | Receipts |
| LaPorte | 4369 | 28 | \$13,107 | 4081 | 79 | \$16,324 |
| Michigan City | 4359 | 9 | \$13,077 | 4499 | 270 | \$17,996 |
| Total | 8728 | 37 | \$26,184 | 8580 | 349 | \$34,320 |

Coroner's Education Fund

| | |
|---------------|---------|
| LaPorte | \$4,081 |
| Michigan City | \$4,499 |
| Total | \$8,580 |

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| Year 2004 | TWO PARENT BIRTHS | | | ONE PARENT BIRTHS | | | GRAND TOTAL | | |
|---|--------------------------|------------------|--------------|--------------------------|------------------|--------------|--------------------|------------------|--------------|
| Place of Birth | LaPorte | Mich City | Total | LaPorte | Mich City | Total | LaPorte | Mich City | Total |
| SEX OF CHILD | | | | | | | | | |
| Male | 209 | 131 | 340 | 149 | 149 | 298 | 358 | 280 | 638 |
| Female | 211 | 143 | 354 | 164 | 173 | 337 | 375 | 316 | 691 |
| RESIDENCE OF MOTHER | | | | | | | | | |
| LP City | 215 | 70 | 285 | 164 | 42 | 206 | 379 | 112 | 491 |
| Mich City | 58 | 127 | 185 | 75 | 226 | 301 | 133 | 353 | 486 |
| County | 73 | 19 | 92 | 45 | 15 | 60 | 118 | 34 | 152 |
| Indiana | 62 | 49 | 111 | 27 | 38 | 65 | 89 | 87 | 176 |
| Other | 12 | 9 | 21 | 2 | 1 | 3 | 14 | 10 | 24 |
| AGE OF MOTHER | | | | | | | | | |
| 14 & Under | 0 | 0 | 0 | 1 | 2 | 3 | 1 | 2 | 3 |
| 15 – 18 | 2 | 3 | 5 | 61 | 42 | 103 | 63 | 45 | 108 |
| 19 | 3 | 8 | 11 | 17 | 38 | 55 | 20 | 46 | 66 |
| 20 -24 | 100 | 64 | 164 | 134 | 133 | 267 | 234 | 197 | 431 |
| 25 – 29 | 150 | 86 | 236 | 56 | 68 | 124 | 206 | 154 | 360 |
| 30 – 34 | 104 | 72 | 176 | 26 | 25 | 51 | 130 | 97 | 227 |
| 35 -39 | 49 | 35 | 84 | 12 | 11 | 23 | 61 | 46 | 107 |
| 40 & Over | 12 | 6 | 18 | 6 | 3 | 9 | 18 | 9 | 27 |
| SMOKING STATUS OF MOTHER | | | | | | | | | |
| Smoker | 73 | 47 | 120 | 113 | 98 | 211 | 186 | 145 | 331 |
| Non-Smoker | 347 | 227 | 574 | 20 | 224 | 244 | 367 | 451 | 818 |
| Tri-Quit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETHNICITY OF MOTHER | | | | | | | | | |
| White | 381 | 220 | 601 | 268 | 207 | 475 | 649 | 427 | 1076 |
| Black | 18 | 20 | 38 | 31 | 93 | 124 | 49 | 113 | 162 |
| Hispanic | 16 | 28 | 44 | 10 | 18 | 28 | 26 | 46 | 72 |
| Nat. Amer. | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 2 |
| Asian/Pacific | 1 | 4 | 5 | 1 | 1 | 2 | 2 | 5 | 7 |
| Multi-Racial | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 3 | 3 |
| Other | 3 | 0 | 3 | 1 | 1 | 2 | 4 | 1 | 5 |
| WEIGHT OF CHILD | | | | | | | | | |
| Under 3.5# | 4 | 3 | 7 | 1 | 4 | 5 | 5 | 7 | 12 |
| 3.5# - 5.7# | 27 | 14 | 41 | 13 | 22 | 35 | 40 | 36 | 76 |
| 5.8# - 10 # | 385 | 253 | 638 | 297 | 294 | 591 | 682 | 547 | 1229 |
| Over 10# | 4 | 4 | 8 | 2 | 2 | 4 | 6 | 6 | 12 |
| TRIMESTER OF MOTHER'S BLOOD TEST | | | | | | | | | |
| 1st Tri. | 413 | 273 | 686 | 306 | 315 | 621 | 719 | 588 | 1307 |
| 3rd Tri. | 413 | 185 | 598 | 309 | 191 | 500 | 722 | 376 | 1098 |
| Not Avail. | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| TRIMESTER THAT PRENATAL CARE BEGAN | | | | | | | | | |
| 1st. Tri. | 343 | 232 | 575 | 236 | 214 | 450 | 579 | 446 | 1025 |
| 2nd Tri. | 46 | 35 | 81 | 61 | 85 | 146 | 107 | 120 | 227 |
| 3rd Tri. | 7 | 6 | 13 | 5 | 19 | 24 | 12 | 25 | 37 |
| BIRTHS WITH CONGENITAL ANOMALIES | | | | | | | | | |
| Congenital | 4 | 2 | 6 | 1 | 4 | 5 | 5 | 6 | 11 |
| Home Births | 2 | 2 | 4 | 0 | 0 | 0 | 2 | 2 | 4 |
| Twins | 8 | 5 | 13 | 3 | 5 | 8 | 11 | 10 | 21 |
| Triplets | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

DEATH STATISTICS 2004

| | | LaPorte | Mich City | Total | | | LaPorte | Mich City | Total |
|--------------------------------|-------------|---------|-----------|-------|--|------------|---------|-----------|-------|
| Sex of the deceased | Male | 266 | 255 | 521 | Age of the Deceased at the time of Death | Stillborn | 7 | 7 | 14 |
| | Female | 261 | 239 | 500 | | Up to 1 mo | 2 | 3 | 5 |
| Place of Death | LP City | 429 | 58 | 487 | | 1 mo - 1yr | 1 | 3 | 4 |
| | MC City | 33 | 415 | 448 | | 4-Jan | 0 | 2 | 2 |
| Residence of the Deceased | County | 65 | 21 | 86 | | 9-May | 1 | 0 | 1 |
| | LP City | 371 | 43 | 414 | | 14-Oct | 3 | 3 | 6 |
| | MC City | 24 | 343 | 367 | | 15 - 19 | 7 | 4 | 11 |
| | County | 96 | 39 | 135 | | 20 - 24 | 5 | 2 | 7 |
| | Indiana | 25 | 28 | 53 | | 25 - 29 | 1 | 6 | 7 |
| Ethnicity of the Deceased | Other | 11 | 41 | 52 | | 30 - 34 | 7 | 7 | 14 |
| | White | 523 | 430 | 953 | | 35 - 39 | 9 | 9 | 18 |
| | Black | 3 | 59 | 62 | | 40 - 44 | 14 | 10 | 24 |
| | Other | 1 | 5 | 6 | | 45 - 49 | 15 | 14 | 29 |
| Marital status of the Deceased | Married | 211 | 189 | 400 | | 50 - 54 | 16 | 16 | 32 |
| | Widowed | 184 | 184 | 368 | | 55 - 59 | 20 | 16 | 36 |
| | Single | 60 | 66 | 126 | | 60 - 64 | 42 | 33 | 75 |
| | Divorced | 70 | 55 | 125 | | 65 - 69 | 34 | 46 | 80 |
| | Separated | 2 | 0 | 2 | | 70 - 74 | 59 | 47 | 106 |
| Type of Death Certificate | Autopsies | 30 | 62 | 92 | | 75 - 79 | 69 | 61 | 130 |
| | Fetal Death | 4 | 7 | 11 | | 80 - 84 | 83 | 97 | 180 |
| | Coroner Cs. | 64 | 93 | 157 | | 85 - 89 | 71 | 64 | 135 |
| | Phys. Cs. | 422 | 394 | 816 | | 90 - 94 | 41 | 34 | 75 |
| | Cremations | 167 | 175 | 342 | | 95 - 99 | 16 | 8 | 24 |
| | Ato. IU | 4 | 2 | 6 | | 100 + | 4 | 2 | 6 |

DEATH STATISTICS 2004

| CAUSE of DEATH | LaPorte | Mich City | Total | CAUSE of DEATH | LaPorte | Mich City | Total |
|-----------------------------|---------|-----------|-------|----------------------------|---------|-----------|-------|
| MALIGNANCY (Cancer): | 112 | 84 | 196 | ENDOCRINE/DIABETES: | 1 | 1 | 2 |
| Lung/Bronchus | 35 | 34 | 69 | NERVOUS SYSTEM: | 29 | 8 | 37 |
| Colon/Rectum | 15 | 7 | 22 | Alzheimer | 12 | 2 | 14 |
| Breast | 5 | 4 | 9 | Other | 17 | 6 | 23 |
| Prostate | 5 | 5 | 10 | INFECTIOUS: | 15 | 16 | 31 |
| Leukemia/Lymphoma | 11 | 3 | 14 | Bacterial/Sepsis | 13 | 16 | 29 |
| Reproductive Organs | 2 | 4 | 6 | AIDS | 0 | 0 | 0 |
| Other | 39 | 27 | 66 | Other | 2 | 0 | 2 |
| HEART/VASCULAR: | 213 | 217 | 430 | NEONATAL: | 2 | 3 | 5 |
| ASHD (Arteriosclerotic) | 61 | 71 | 132 | Prematurity/Malformation | 2 | 1 | 3 |
| Hypertension | 0 | 4 | 4 | SIDS | 0 | 1 | 1 |
| Cerebrovascular/Storke | 15 | 18 | 33 | Other | 0 | 1 | 1 |
| Other Vascular/Aneurysm | 11 | 4 | 15 | STILLBIRTH: | 7 | 5 | 12 |
| Other | 126 | 120 | 246 | HOMICIDE: | 4 | 3 | 7 |
| RESPIRATORY: | 71 | 79 | 150 | SUICIDE: | 6 | 8 | 14 |
| Pneumonia | 18 | 32 | 50 | ACCIDENTS: | 22 | 14 | 36 |
| Bronchitis/Emphysema/COPD | 10 | 8 | 18 | Motor | 17 | 5 | 22 |
| Other | 43 | 39 | 82 | Other | 5 | 9 | 14 |
| GENITO-URINARY: | 10 | 11 | 21 | UNDETERMINED: | 9 | 15 | 24 |
| Renal | 10 | 11 | 21 | MISCELLANEOUS: | 16 | 21 | 37 |
| Other | 0 | 0 | 0 | | | | |
| DIGESTIVE SYSTEM: | 10 | 9 | 19 | | | | |
| Cirrhosis/Liver | 4 | 6 | 10 | | | | |
| Gastro-intestinal/Ulcer | 3 | 1 | 4 | | | | |
| Pancreas | 0 | 0 | 0 | | | | |
| Other | 3 | 2 | 5 | | | | |

OTHER VITAL RECORDS SERVICES

| | <u>LA PORTE</u> | <u>MICHIGAN CITY</u> | <u>TOTAL</u> |
|------------------------------|-----------------|----------------------|--------------|
| <u>Court Orders:</u> | | | |
| Adoptions | 67 | 34 | 101 |
| Legitimation | 5 | 6 | 11 |
| Paternity | 16 | 112 | 128 |
| Amendments | 29 | 130 | 159 |
| | | | |
| <u>Verifications:</u> | | | |
| Military | 86 | 29 | 115 |
| Social Security | 78 | 35 | 113 |
| Welfare | 16 | 12 | 28 |
| (Food Stamps) | 0 | 0 | 0 |
| Birth | | | |
| (Notifications) | 733 | 596 | 1329 |
| Miscellaneous | 612 | 289 | 901 |
| | | | |
| <u>Genealogy</u> | | | |
| Search | | | |
| Full Genealogy | 439 | 560 | 999 |

FOOD PROTECTION DIVISION

The Food Protection Division is responsible for licensure and inspection of all annual, mobile and temporary retail food establishments. The Division also conducts food-related consumer complaint investigations, responds to vehicle accidents involving food products and follows up on possible food-borne illness outbreaks including all necessary food and specimen sampling. A significant amount of time is also spent on food employee training and architectural plan review for establishments under construction or those engaged in remodeling projects.

2004 Activities

The Food Protection Division proctored twelve ServSafe Food Protection Manager Certification examinations to over one hundred key food protection personnel from area food establishments.

The Chief Sanitarian actively participated in and attended the Indiana Environmental Health Association Food Protection Committee. She completed her third year as Co-chair for the committee.

An inspector and the Chief Sanitarian attended the Food Symposium conducted by the Indiana State Department of Health in Indianapolis. The two inspectors and the Chief Sanitarian attended the Indiana Environmental Health Association's Fall Conference in St. Joseph County.

A comprehensive document detailing the upcoming State mandated Food Handler Certification Rule was created and distributed to every food establishment in LaPorte County. A copy of the actual rule was also distributed.

The Food Protection Division conducted 1,164 routine inspections during the year of 2004. These routine and probationary inspections were of restaurants, convenience stores, private clubs, lunch trucks, grocery stores, bars, taverns, non-profit organizations, schools, mobile vendors and temporary units.

The Indiana State Department of Health issued 53 recalls on manufactured food products throughout the year. The recalled goods included items such as ground beef, chicken, Roma tomatoes, alfalfa sprouts, metal toy jewelry for high lead content, prepared dinners and cheese products to name a few. The division receives these recalls from the state through the intranet system called Groupwise. The appropriate establishments are contacted by an inspector either in person, via fax or phone.

This year the Division imported all of the establishment information from the older Access database into the new database designed and maintained by the Indiana State Department of Health. F.I.R.M.S. stands for Food Inspection Regulatory Management System and currently houses all of the demographic information for each retail food establishment. Future phases of the system will include complaints, recalls and electronic inspection.

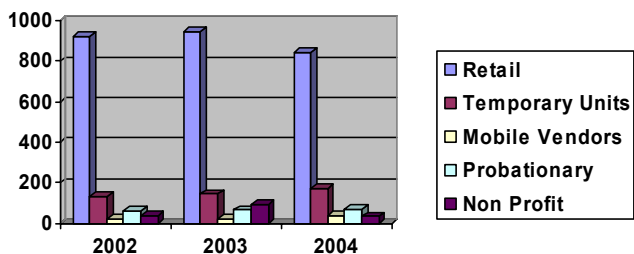


Lana Buckles, Chief Sanitarian

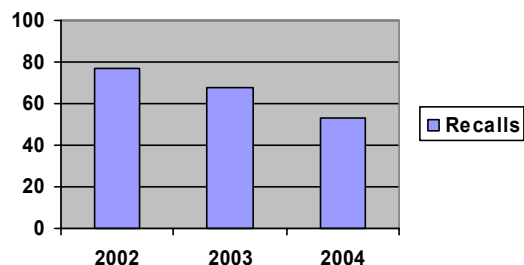
Food Division Inspections/Investigations/Permits

| | 2004 | 2003 |
|--|------|------|
| Complaint Investigation: | | |
| Retail Food Service | 32 | 37 |
| Foodborne Illness Investigations | 19 | 25 |
| Inspections: | | |
| Retail Food Service | 846 | 946 |
| School Kitchens | 78 | 68 |
| Temporary/Mobile Food Services | 208 | 144 |
| Food Establishment Fires | 1 | 1 |
| Non Profit Organizations | 32 | 18 |
| Food Recalls | 53 | 68 |
| Spot Checks: | | |
| Food Service | 49 | 44 |
| School Kitchens | 3 | 1 |
| Temporary/Mobile Food Services | 78 | 98 |
| Food Establishment Fires | 2 | 3 |
| Food Service Permits Issued | 591 | 611 |
| Temporary Food Permits Issued | 174 | 125 |
| Mobile Permits Issued | 34 | 11 |
| Probationary Permits | 68 | 74 |
| Food Service Consultations (field/office/phone) | 1120 | 903 |
| Temporary Closures | 2 | 3 |

Inspections



Food Recalls



ENVIRONMENTAL HEALTH SERVICES

The Environmental Health Services of LaPorte County is made up of four major sections: Environmental/sanitation complaints, On-site Sewage System, water laboratory and public and semi-public pools. Each section specializes to assist and offer expertise to the citizens of LaPorte County. Along with the four major sections, the Environmental Health section continues to sample the waters of Lake Michigan and the inland beaches of LaPorte County and run the vector control program (mosquito control).

Environmental/Sanitation Complaints

This section handles all complaints made to the health department. These complaints can range from unsanitary living conditions to open burning. County residents submit complaints or the complaint process may be initiated by county officials as observed in the field.

Most investigations begin with an initial consultation with the complainant. An inspection of the site is conducted to confirm the validity of the complaint. This is followed by a determination of any appropriate remedial action needed and a consultation with the subject of the complaint.



Tony Mancuso, Environmental Supervisor

| COMPLAINT INVESTIGATIONS | 2004 | 2003 |
|--------------------------|------|------|
| Abandoned property | 3 | 15 |
| Abandoned vehicles | 1 | 2 |
| Animals | 15 | 22 |
| Unsanitary living | 44 | 88 |
| House condemnation | 5 | 4 |
| Trash & Garbage | 42 | 55 |
| Dump sites | 5 | 3 |
| Tires | 4 | 7 |
| High weeds/grass | 6 | 10 |
| Open burning | 5 | 18 |
| Indoor air | 4 | 11 |
| Insects and mice | 14 | 15 |
| Septic / sewage | 36 | 65 |

Vector control (West Nile Virus)

The Environmental section continues to work with the Indiana State Department of Health in identification of West Nile Virus. Once again the health department conducted surveillance to determine the spread of the virus by setting eight adult mosquito traps around the county. An average of 2,200 mosquitoes were collected once a week and sent to the state lab for analysis. Five (5) dead birds were sent for analysis and the last bird sent on July 2, 2004 tested positive with West Nile Virus. No more dead birds were sent after this. In summary LaPorte County had one (1) positive bird with West Nile Virus and no positive human cases, horses or mosquito pools.

The Indiana State Department of Health reported fifty-six (56) counties in Indiana had tested positive for West Nile Virus. There were seven (7) confirmed human cases: three (3) in Lake County, one (1) in Elkhart County resulting in death, and one (1) from Benton, Hancock and Vanderburg Counties. A total of thirty (30) positive birds, eight (8) positive horses, and one hundred and thirty (130) positive pools of mosquitoes were reported.

Public Swimming Pools

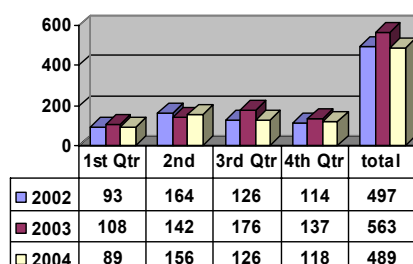
The jurisdiction of the health department falls to any public or semi-public swimming or wading pool, and spas that hold water for more than a single use. This includes but is not limited to schools, hotels, apartments, condominiums, bed and breakfasts, camps, mobile home parks, membership clubs or associations. The health department does not permit or inspect one or two family dwellings maintained by an individual for the sole use of the household and house guests. Guidelines for inspection are set forth in the Indiana State Department of Health Rule 410 IAC 6-2 and LaPorte County Ordinance No. 94-16.

LaPorte County has fifty-four (54) permitted public/semi-public pools and spas: twenty-five (25) seasonal, and seventeen (17) yearly, twelve (12) permitted spas: eleven (11) yearly and one (1) seasonal. Ten facilities are non-profit organizations that are not charged for their permit.

On-Site Sewage System (OSS)

The on-site sewage section ensures that residential and commercial property owners in LaPorte County follow all regulations that are set forth in the Indiana State Department of Health Rule 410 IAC 6-8.1 and LaPorte County Ordinance no.1996-22 when obtaining a septic permit for septic system installation

Septic Permits Issued during the last 3 years



[illegible]

WATER LABORATORY

The LaPorte County Health Department is one of the few health departments in the state that has a water laboratory to perform drinking water, surface water, pools and beach analysis.

The water laboratory is certified by the Indiana State Department of Health for Total Coliform analysis with E.coli confirmation and Heterotrophic Plate Count Method. Re-certification is done every three years by the Indiana State Department of Health. The lab also performs chemistry analysis such as nitrate, nitrite, lead, iron and fluoride. Currently the lab is not certified in chemistry.

**Water tests and their fees offered by the LaPorte County
Health Department Water Laboratory**

| | | |
|---------------------------|-------------------------|----------------|
| Total Coliform | | |
| | Swimming Pools/Spas | \$15.00 |
| | Drinking Water | \$10.00 |
| E Coli | | |
| | Lake/Streams/Wastewater | \$10.00 |
| Chemical Screening | | |
| | Iron | \$15.00 |
| | Lead | \$15.00 |
| | Nitrate | \$15.00 |
| | Nitrite | \$10.00 |

NOTE:

In 2004 the LaPorte County Board of Health submitted a new fee schedule to the County Commissioners for adoption. It will be addressed in 2005.

The LaPorte County Health Department Water Laboratory continues to sample for bacterial conditions of these bathing beaches and boat launches areas.

Stone Lake - LaPorte; Old Stone Lake beach, New Stone Lake beach, Stone Lake launch area.

Pine Lake - LaPorte; Kiwanis Teledyne Beach Park, Waverly beach, Holton Road

Hudson Lake beach

Upper Fish Lake beach

Lower Fish Lake beach

Lake Michigan - Michigan City; Washington Park beach; Sheridan Beach, Stop 2 & Stop 7

Lake Michigan - Long beach; Stop 19 & Stop 26

Lake Michigan - Duneland Beach; Stop 34

Lake Michigan - Michiana Shores; Stop 37

A complete list of beach closures for 2004 are presented at the end of this report.

Bacteriological Water Testing For 2004

| | Invalid | Satisfactory | Unsatisfactory | Total Samples | Not Charged | Fees | Money Received |
|-------------------------|---------|--------------|----------------|---------------|-------------|------|----------------|
| Beaches | 2 | 1645 | 200 | 1847 | 1847 | 10 | \$0 |
| Drinking Water | 13 | 1613 | 245 | 1871 | 544 | 10 | \$13,270 |
| Porter County HD | 0 | 104 | 6 | 110 | 0 | 10 | \$1,100 |
| Surface Water Complaint | 0 | 0 | 1 | 6 | 7 | 7 | \$10 |
| Surface Water Other | 0 | 8 | 2 | 10 | 2 | 10 | \$80 |
| Swimming Pools | 2 | 816 | 14 | 832 | 280 | 15 | \$6,960 |
| Spas | 7 | 426 | 26 | 459 | 45 | 15 | \$6,210 |
| Wastewater Treatment | 2 | 223 | 14 | 239 | 239 | 10 | \$0 |

Chemistry Testing for 2004

| | Invalid | Satisfactory | Unsatisfactory | Total Samples | Not Charged | Fees | Money Received |
|----------|---------|--------------|----------------|---------------|-------------|------|----------------|
| Fluoride | 0 | 0 | 0 | 77 | 77 | 0 | \$0 |
| Lead | 3 | 294 | 43 | 340 | 3 | 15 | \$5,055 |
| Iron | 0 | 3 | 5 | 8 | 0 | 15 | \$120 |
| Nitrate | 5 | 353 | 3 | 163 | 3 | 15 | \$5,370 |
| Nitrite | 1 | 214 | 2 | 217 | 0 | 10 | \$2,150 |

Beach Act Grant

The LaPorte County Health Department (LPCHD) has been sampling the beaches of LaPorte County for over 10 years. During that time we have strived to find the source of E.coli that has plagued some of our beaches. Each year we have tested different parameters to investigate a correlation between the different environmental aspects and E.coli.

In October of 2000, Congress passed the BEACH Act. This Act requires states to do coastal recreational water monitoring on public bathing beaches. With this act comes funding to assist states to accomplish its goals. Since a program was already in place, application for a grant to update technology and enhance the existing program was made. The LPCHD was awarded two contracts with Indiana Department of Environmental Management (IDEM). The first contract was signed on May 26, 2004. This contract provides funds to assist the LPCHD in increasing beach water sampling of Lake Michigan to seven days a week for the 2004 summer beach-bathing season. This feat was desired by the E.coli Task Force, a group of interested parties for the betterment of the quality of water in northwest Indiana. Plenty of data is needed to fill a predictive model to create a better tool to warn the public when the waters of Lake Michigan have high E.coli levels.

The predictive models will replace the false safe method currently being used. At this time the beach waters are tested in the areas where people are swimming. The test is completed the following morning and test results are made available. If the test result read today shows the E.coli level to be above 235cfu, it means that yesterday when the patrons were having a good time at the beach they were possibly exposed to high levels of bacteria or viruses that could make them sick. The beach is then closed for the day, water is re-sampled, and results are again quantified the following morning. If they are over 235cfu again, the beach will remain closed for another day. If they are now under 236cfu it means the beach was closed the previous day when the water was perfectly safe.

Conducting the daily testing will now provide us with enough data to fill a predictive model to avoid closing the beach at an inappropriate time. The data will be put into a predictive model to forecast when the levels will be high instead of after the fact, an improvement over the time constraints associated with the current testing methods.

The second contract was signed with IDEM on June 18, 2004. This contract helped improve notification efforts by providing the public with beach information. Beach patrons were surveyed to elicit their level of knowledge concerning water quality. They were asked questions about water quality and the reasons for beach closures. The survey also asked questions directed at finding the best avenue for relaying beach information. The survey results indicated that the best media outlet is the newspaper, however publication timing does not coincide with the timing of beach sampling.

A color informational brochure was printed about the Beach Act and the LPCHD testing program. In addition the brochures also listed places to find updated beach closure information. These brochures

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were distributed to those participating in the survey. Additionally cards were created and printed which showed where the public could gather updated real time beach closure information.

Through this 2nd contract a dedicated beach information website (www.laportecountybeaches.com) was created to provide real time E.coli results. In addition to this vital data, there is a plethora of information regarding water quality. Numerous links and studies conducted are provided on the website. Old beach reports from previous years are available. Maps and directions to all the tested beaches are also found here. Also included in the website are the daily sampling data such as water temperature, air temperature, and wind velocity.



In addition to the website, money was provided to purchase an electronic message center sign for Michigan City's Washington Park. This sign at the entrance to Washington Park is a partnership with the Michigan City Parks Department. It allows us to post the closure of the beach waters and other park information. The lifeguards also raise the appropriate colored flag everyday during the beach-bathing season. Other closures along Lake Michigan will also be posted on the electronic message center sign. Other beaches will be posted

with new coroplast "Beach Waters Closed" and "Beach Advisory" signs at the individual stops. This recyclable material is made of weather resistant corrugated plastic and is an improvement from the old cardboard signs.

Weather resistant, waterproof and locking bulletin boards were purchased for Washington Park. A single-sided board will be erected at the beginning of the boardwalk near the public beach with a double-sided board put in the picnic area near the restrooms. Relevant water quality information will be sharing space with postings of Parks Department material.

NURSING SERVICES

IMMUNIZATION SERVICES

Immunizations are offered every Monday and Tuesday from 8:30AM-11AM and from 12:00PM-3:00PM at the main office in LaPorte and the branch office in Michigan City, respectively.

Childhood Immunizations

Vaccines play a powerful role in preventing debilitating and, in some cases, fatal effects of infectious diseases. The LaPorte



Joanne Hardacker
Nursing Supervisor

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County Health department strives to promote quality vaccination delivery services and improve community participation and partnership while minimizing barriers to immunizations. This mission is accomplished by offering vaccinations at both offices on a weekly basis and conducting a monthly clinic at Wanatah Elementary School on the first Wednesday of each month. Additionally, the nurses partnered with several other agencies in offering “Super Shot Saturday” in readying children for school. The nursing staff also provided immunizations to the Spanish speaking community with assistance from the El Puente organization in the Fall of 2004.

The immunization program provides age appropriate vaccinations to both children and adults. The LaPorte County Health Department participates in the Vaccine for Children program (VFC). This program is a federally funded program that provides eligible children recommended vaccines at no cost. The federal government pays for the vaccines. The VFC program was created by the Omnibus Budget Reconciliation Act (OBRA) of 1993 and began October 11, 1994. The program removes barriers for parents to immunize their children.

Children from birth thru 18 years of age can receive vaccines through the VFC program if they meet any of the following conditions: Eligible for Medicaid — American Indian or Alaska Native — Without health insurance — Underinsured (have health insurance that does not cover vaccines)

Additional funds provide vaccine for children who do not qualify for VFC funded vaccine.

The following childhood vaccines are available through the LaPorte County Health Department:

| | |
|---------------------------------------|-------------------------------|
| DtaP (Diphtheria, Tetanus, Pertussis) | IPV (Polio) |
| DT (Diphtheria, Pertussis) | MMR (Measles, Mumps, Rubella) |
| Td (Tetanus, Diphtheria) | Hepatitis B |
| Hib (Haemophilus Influenza B) | Varicella (Chicken Pox) |
| Prevnar (Pneumococcal) | Influenza |

Adult Immunizations

The following adult vaccines are available through the LaPorte County Health Department:

| | |
|--------------------------|-------------------------------|
| Td (Tetanus, Diphtheria) | MMR (Measles, Mumps, Rubella) |
| Hepatitis B | Influenza |

In 2004 we served 4,086 children and adults with 9,869 immunizations.

International Travel

The LaPorte County Health Department is a designated Yellow Fever Vaccination Center. Persons traveling outside of the United States are counseled regarding recommended and required vaccines

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after an interview with the travel nurse. Recommendations are made after a review of the traveler's itinerary and are based on current information published by the Centers for Disease Control and Prevention (CDC). Current outbreaks are also taken into consideration. Although malaria prophylaxis is not available through the department, travelers are given recommendations for appropriate medication based on where they are traveling. In 2004 vaccinations were given to 173 people for international travel.

The following vaccines are provided to travelers:

| | | | |
|--------------|---------|---------------|-------------|
| Yellow Fever | Typhoid | Hepatitis A | Hepatitis B |
| MMR | IPV | Meningococcal | Td |

COMMUNICABLE DISEASE

The Communicable Disease Reporting Rule for Physicians, Hospitals, and Laboratories under Indiana Code 16-41-2-1 allows the Indiana State Department of Health to establish reporting, monitoring, and preventive procedures for communicable diseases. Upon receiving a communicable disease report, local Health Officers must investigate the report within a specified time frame outlined in Section 47 of the Rule. The local health department in the jurisdiction where the patient resides is responsible for epidemiological investigation and instituting control measures. Diseases that are reportable under the rule meet one or more of the following criteria:

| | |
|--|--|
| nationally reportable disease | vaccine preventable disease |
| emerging infectious disease | significant organism with emerging drug resistance |
| disease with high bioterrorism potential | disease that requires a public health response |

Following is a list of the diseases that have been reported to the LaPorte County Health Department.

| | | | |
|--|----|-------------------------------------|-----|
| Campylobacteriosis | 4 | Chlamydia | 293 |
| Escherichia coli | 2 | Gonorrhea | 111 |
| Hepatitis, viral, Type A | 1 | Hepatitis, viral, Type B | 2 |
| Hepatitis, viral, Type B, pregnant woman | 1 | Hepatitis, viral, Type C (acute) | 4 |
| HIV infection/disease | 1 | Listeriosis | 1 |
| Lyme disease | 2 | Meningitis- aseptic | 4 |
| Pertussis | 11 | Salmonellosis | 11 |
| Shigellosis | 1 | Streptococcus pneumoniae | 2 |
| Syphilis | 3 | Toxic Shock Syndrome- streptococcal | 1 |

Note: Some physicians and laboratories report directly to the Indiana State Department. Therefore, the above data may represent lower numbers than the actual occurrence of these diseases in the county.

CONFIDENTIAL SERVICES

The LaPorte County Health Department remains committed to providing services for the prevention and control of sexually transmitted diseases. Two separate clinics are held weekly in off site locations in Michigan City and LaPorte on Thursdays and Wednesdays, respectively. Appointments are advised. Clients receive examinations performed by a Physician or Nurse Practitioner, diagnostic services, treatment, and referrals at no cost. HIV counseling is provided during clinics by a disease intervention specialist. In 2004 there were 348 people served in these clinics.

COMPREHENSIVE BLOOD PROFILE

The Blood Chemistry Profile is offered once a month at both offices. Clients are advised to fast for 12 hours prior to testing. The health department provides copies of the test results to the client and the physician. 626 people received the blood profile in 2004.

The Blood Chemistry Profile includes the following tests:

| | | | |
|----------|----------------------|------------------------|--------------|
| Calcium | Cholesterol | Phosphorous | Triglyceride |
| Chloride | SGPT | Potassium | GGT |
| Sodium | Alkaline Phosphatase | AST(SGOT) | Bilirubin |
| LDH | BUN/Creatinine Ratio | Albumin/Globulin Ratio | Albumin |
| BUN | Globulin | Creatinine | Protein |
| HDL | Glucose | LDL | Iron |
| VLDL | Uric Acid | | |

TUBERCULOSIS PREVENTION AND CONTROL

The overall priorities for the treatment of tuberculosis (TB) are early identification and complete treatment of infectious patients and minimizing transmission of Mycobacterium tuberculosis to other persons. The TB Case Manager works under the supervision and guidance of the TB Clinician and the Health Officer and assures that complete and appropriate information regarding each patient is shared with the Indiana State Department of Health TB Program in a timely fashion.

All persons with active Tuberculosis (infectious) receive medications by directly observed therapy to ensure complete treatment. Patients remain under the care of both the health department and their physician until this is accomplished.

Contact investigation to identify all persons exposed to tuberculosis is the second priority of tuberculosis control. Intensive efforts are made to identify untreated individuals who are infected so that they will not become infectious. Contact investigations are done through extensive interviewing and follow up of all identified contacts with TB skin testing. Persons found to have latent TB infection (non-infectious) also receive medications free of charge through the health department.

In 2004, LaPorte County had 5 pulmonary tuberculosis cases and 385 contacts were identified.

EMERGENCY PREPAREDNESS

In January 2004 the LaPorte County Health Department (LPCHD) learned that it was being moved from District 2 to District 1 due to a realignment of the original Bioterrorism Districts. Because of the changes made the Indiana State Department of Health (ISDH) and the State Emergency Management Agency (SEMA) districts now align identically. District 1 is comprised of Lake, Porter, LaPorte, Newton and Jasper Counties.

During 2004 the health department received approximately \$24,000 in additional funds to enhance our abilities to respond to large scale health emergencies including acts of bioterrorism. A three-phase allocation of funding was accomplished through a voucher process as each phase was completed. Through the efforts of Paul Trost, Health Department Administrator, Joanne Hardacker, Nursing Supervisor, and Ann Klute, Environmental Planner, submission requirements were completed and submitted on time. The first of three phases was an initial assessment focusing on major roles that LPCHD staff would play in the event of a large-scale disease outbreak. Phases two and three concentrated on planning mass prophylaxis clinics and a plan or guide to identify the activities needed for timely and effective acquisition of necessary supplies, including those that may be needed from the Strategic National Stockpile.



Emergency Preparedness Districts

Early in 2004 we were informed of a grant opportunity that was being made available to local health departments for funding the position of a Public Health Coordinator. The grant was applied for and approved for \$63,460.00 which includes salary and fringe benefits, travel, communications, furniture, office supplies, and miscellaneous items. Ken Johnston started at that position September 20, 2004. Office furniture has been purchased from the grant money along with miscellaneous office supplies.

The LaPorte County Health has established a dial-up internet access account that will provide a backup method of communications in emergencies. As we continue to expand on the preliminary plans for Mass Prophylaxis Clinics we have purchased a database of approximately 1,465 names of RN's, LPN's, and Nurse Practitioners currently licensed in LaPorte County that will be used to solicit volunteers should they be needed for the operation of a Mass Prophylaxis Clinic. Drafts have been completed for memos of understanding to be made with potential clinic sites.

Ken has been regularly attending meetings dealing with preparedness issues including the District 1 Public Health Preparedness Coalition, District 1 Bioterrorism Committee, LaPorte County Bioterrorism Planning Committee and others.

Beach Closure's in 2004

| Day & Date of Sample | Sample Location | Sample Result | Day & Date of Closure | Day & Date of Re-Opening |
|--------------------------|------------------------|---------------|--------------------------|--------------------------|
| | | E. Coli | | |
| | | CFU/100ML | | |
| Tuesday, June 01, 2004 | Stop 2 | 331 | Wednesday, June 02, 2004 | Thursday, June 03, 2004 |
| Tuesday, June 01, 2004 | Stop 24 | 345 | Wednesday, June 02, 2004 | Thursday, June 03, 2004 |
| Tuesday, June 08, 2004 | Pine Lake - Waverly Rd | 517 | Wednesday, June 09, 2004 | Thursday, June 10, 2004 |
| Thursday, June 10, 2004 | Stop 19 | 1733 | Friday, June 11, 2004 | Saturday, June 12, 2004 |
| Thursday, June 10, 2004 | Lower Fish Lake | 276 | Friday, June 11, 2004 | Saturday, June 12, 2004 |
| Thursday, June 10, 2004 | New Stone Lake | 582 | Friday, June 11, 2004 | Saturday, June 12, 2004 |
| Thursday, June 10, 2004 | Washington Park | 736 | Friday, June 11, 2004 | Saturday, June 12, 2004 |
| Wednesday, June 16, 2004 | Stop 19 | 261 | Thursday, June 17, 2004 | Friday, June 18, 2004 |
| Saturday, June 19, 2004 | Stop 31 | 411 | Sunday, June 20, 2004 | Monday, June 21, 2004 |
| Saturday, June 19, 2004 | Stop 26 | 365 | Sunday, June 20, 2004 | Monday, June 21, 2004 |
| Saturday, June 19, 2004 | Stop 2 | 309 | Sunday, June 20, 2004 | Monday, June 21, 2004 |
| Saturday, June 19, 2004 | Washington Park | 296 | Sunday, June 20, 2004 | Monday, June 21, 2004 |
| Saturday, June 19, 2004 | Stop 34 | 461 | Sunday, June 20, 2004 | Monday, June 21, 2004 |
| Saturday, June 19, 2004 | Stop 37 | 411 | Sunday, June 20, 2004 | Monday, June 21, 2004 |
| Sunday, June 20, 2004 | Stop 37 | 411 | Monday, June 21, 2004 | Tuesday, June 22, 2004 |
| Tuesday, June 22, 2004 | Stop 34 | 1120 | Wednesday, June 23, 2004 | Thursday, June 24, 2004 |
| Tuesday, June 22, 2004 | Stop 26 | 461 | Wednesday, June 23, 2004 | Thursday, June 24, 2004 |
| Tuesday, June 22, 2004 | Stop 37 | 1203 | Wednesday, June 23, 2004 | Thursday, June 24, 2004 |
| Tuesday, June 22, 2004 | Stop 2 | 824 | Wednesday, June 23, 2004 | Thursday, June 24, 2004 |

Beach Closure's in 2004

| Day & Date of Sample | Sample Location | Sample Result | Day & Date of Closure | Day & Date of Re-Opening |
|--------------------------|-------------------|---------------|--------------------------|--------------------------|
| Monday, June 28, 2004 | Stop 19 | 548 | Tuesday, June 29, 2004 | Wednesday, June 30, 2004 |
| Monday, June 28, 2004 | Stop 7 | 365 | Tuesday, June 29, 2004 | Wednesday, June 30, 2004 |
| Friday, July 02, 2004 | Stop 34 | 1414 | Saturday, July 03, 2004 | Sunday, July 04, 2004 |
| Friday, July 02, 2004 | Stop 19 | 1986 | Saturday, July 03, 2004 | Sunday, July 04, 2004 |
| Friday, July 02, 2004 | Stop 7 | 435 | Saturday, July 03, 2004 | Sunday, July 04, 2004 |
| Friday, July 02, 2004 | Washington Park | 370 | Saturday, July 03, 2004 | Sunday, July 04, 2004 |
| Saturday, July 03, 2004 | Washington Park | 286 | Sunday, July 04, 2004 | Monday, July 05, 2004 |
| Monday, July 05, 2004 | Washington Park | 322 | Tuesday, July 06, 2004 | Wednesday, July 07, 2004 |
| Wednesday, July 07, 2004 | Stop 37 | 308 | Thursday, July 08, 2004 | Friday, July 09, 2004 |
| Saturday, July 10, 2004 | Stop 7 | 2419 | Sunday, July 11, 2004 | Monday, July 12, 2004 |
| Monday, July 12, 2004 | Washington Park | 320 | Tuesday, July 13, 2004 | |
| Tuesday, July 13, 2004 | Washington Park | 753 | Remained Closed | |
| Wednesday, July 14, 2004 | Washington Park | 306 | Remained Closed | Friday, July 16, 2004 |
| Tuesday, July 13, 2004 | Stone Lake Launch | 1046 | Wednesday, July 14, 2004 | |
| Wednesday, July 14, 2004 | Stone Lake Launch | 307 | Remained Closed | Friday, July 16, 2004 |
| Wednesday, July 14, 2004 | Stop 34 | 488 | Thursday, July 15, 2004 | Friday, July 16, 2004 |
| Wednesday, July 14, 2004 | Stop 19 | 249 | Thursday, July 15, 2004 | Friday, July 16, 2004 |
| Thursday, July 15, 2004 | Upper Fish Lake | 313 | Friday, July 16, 2004 | |
| Friday, July 16, 2004 | Upper Fish Lake | 291 | Remained Closed | Sunday, July 18, 2004 |
| Saturday, July 17, 2004 | Stop 37 | 687 | Sunday, July 18, 2004 | Monday, July 19, 2004 |
| Saturday, July 17, 2004 | Washington Park | 1154 | Sunday, July 18, 2004 | Monday, July 19, 2004 |

Beach Closure's in 2004

| Day & Date of Sample | Sample Location | Sample Re-sult | Day & Date of Closure | Day & Date of Re-Opening |
|----------------------------|--------------------------|----------------|----------------------------|--------------------------|
| Tuesday, July 20, 2004 | Upper Fish Lake | 291 | Wednesday, July 21, 2004 | Thursday, July 22, 2004 |
| Thursday, July 22, 2004 | New Stone Lake | 597 | Friday, July 23, 2004 | Saturday, July 24, 2004 |
| Thursday, July 22, 2004 | Stone Lake Launch | 2419 | Friday, July 23, 2004 | Saturday, July 24, 2004 |
| Thursday, July 22, 2004 | Upper Fish Lake | 629 | Friday, July 23, 2004 | Saturday, July 24, 2004 |
| Friday, July 23, 2004 | Stop 34 | 260 | Saturday, July 24, 2004 | Sunday, July 25, 2004 |
| Friday, July 23, 2004 | Stop 26 | 290 | Saturday, July 24, 2004 | Sunday, July 25, 2004 |
| Friday, July 23, 2004 | Stop 37 | 261 | Saturday, July 24, 2004 | Sunday, July 25, 2004 |
| Friday, July 23, 2004 | Stop 2 | 481 | Saturday, July 24, 2004 | Sunday, July 25, 2004 |
| Friday, July 23, 2004 | Washington Park | 514 | Saturday, July 24, 2004 | Sunday, July 25, 2004 |
| Tuesday, July 27, 2004 | Stop 19 | 579 | Wednesday, July 28, 2004 | Thursday, July 29, 2004 |
| Tuesday, July 27, 2004 | Pine Lake - Kiwanis Park | 921 | Wednesday, July 28, 2004 | Thursday, July 29, 2004 |
| Wednesday, July 28, 2004 | Pine Lake - Kiwanis Park | 1553 | Remained Closed | Friday, July 30, 2004 |
| Tuesday, July 27, 2004 | Washington Park | 373 | Wednesday, July 28, 2004 | Friday, July 30, 2004 |
| Wednesday, July 28, 2004 | Washington Park | 370 | Remained Closed | Friday, July 30, 2004 |
| Thursday, July 29, 2004 | Upper Fish Lake | 488 | Friday, July 30, 2004 | Saturday, July 31, 2004 |
| Friday, July 30, 2004 | Washington Park | 615 | Saturday, July 31, 2004 | Sunday, August 01, 2004 |
| Saturday, July 31, 2004 | Stop 2 | 326 | Sunday, August 01, 2004 | Monday, August 02, 2004 |
| Saturday, July 31, 2004 | Stop 7 | 980 | Sunday, August 01, 2004 | Monday, August 02, 2004 |
| Sunday, August 01, 2004 | Stop 7 | 689 | Remained Closed | Tuesday, August 03, 2004 |
| Tuesday, August 03, 2004 | Stop 7 | 313 | Wednesday, August 04, 2004 | |
| Wednesday, August 04, 2004 | Stop 7 | 276 | Remained Closed | |

Beach Closure's in 2004

| Day & Date of Sample | Sample Location | Sample Re-sult | Day & Date of Closure | Day & Date of Re-Opening |
|----------------------------|--------------------------|----------------|----------------------------|---------------------------|
| Thursday, August 05, 2004 | Stop 7 | 365 | Remained Closed | Saturday, August 07, 2004 |
| Tuesday, August 03, 2004 | Stop 19 | 345 | Wednesday, August 04, 2004 | Thursday, August 05, 2004 |
| Wednesday, August 04, 2004 | Stop 34 | 378 | Thursday, August 05, 2004 | |
| Thursday, August 05, 2004 | Stop 34 | 517 | Remained Closed | Saturday, August 07, 2004 |
| Wednesday, August 04, 2004 | Stop 2 | 279 | Thursday, August 05, 2004 | |
| Thursday, August 05, 2004 | Stop 2 | 412 | Remained Closed | Saturday, August 07, 2004 |
| Wednesday, August 04, 2004 | Washington Park | 242 | Thursday, August 05, 2004 | |
| Thursday, August 05, 2004 | Washington Park | 466 | Remained Closed | Saturday, August 07, 2004 |
| Thursday, August 05, 2004 | Stop 31 | 435 | Friday, August 06, 2004 | Saturday, August 07, 2004 |
| Thursday, August 05, 2004 | Stop 19 | 579 | Friday, August 06, 2004 | Saturday, August 07, 2004 |
| Thursday, August 05, 2004 | Stop 26 | 517 | Friday, August 06, 2004 | Saturday, August 07, 2004 |
| Thursday, August 05, 2004 | Stop 37 | 261 | Friday, August 06, 2004 | Saturday, August 07, 2004 |
| Thursday, August 05, 2004 | Old Stone Lake | 365 | Friday, August 06, 2004 | Saturday, August 07, 2004 |
| Thursday, August 05, 2004 | Pine Lake - Kiwanis Park | 387 | Friday, August 06, 2004 | Saturday, August 07, 2004 |
| Tuesday, August 10, 2004 | Pine Lake - Holton Road | 2419 | Wednesday, August 11, 2004 | Thursday, August 12, 2004 |
| Thursday, August 19, 2004 | New Stone Lake | 256 | Friday, August 20, 2004 | Saturday, August 21, 2004 |
| Thursday, August 26, 2004 | Lower Fish Lake | 308 | Friday, August 27, 2004 | |
| Friday, August 27, 2004 | Lower Fish Lake | 345 | Remained Closed | Sunday, August 29, 2004 |
| Thursday, August 26, 2004 | New Stone Lake | 360 | Friday, August 27, 2004 | |
| Friday, August 27, 2004 | New Stone Lake | 1342 | Remained Closed | |
| Saturday, August 28, 2004 | New Stone Lake | 512 | Remained Closed | Monday, August 30, 2004 |

Beach Closure's in 2004

| Day & Date of Sample | Sample Location | Sample Re-sult | Day & Date of Closure | Day & Date of Re-Opening |
|------------------------------|-----------------|----------------|-------------------------------|------------------------------|
| Friday, August 27, 2004 | Stop 37 | 2419 | Saturday, August 28, 2004 | |
| Saturday, August 28, 2004 | Stop 37 | 461 | Remained Closed | Monday, August 30, 2004 |
| Friday, August 27, 2004 | Stop 2 | 429 | Saturday, August 28, 2004 | Sunday, August 29, 2004 |
| Sunday, August 29, 2004 | Stop 2 | 306 | Monday, August 30, 2004 | Tuesday, August 31, 2004 |
| Friday, August 27, 2004 | Washington Park | 660 | Saturday, August 28, 2004 | Sunday, August 29, 2004 |
| Sunday, August 29, 2004 | Washington Park | 359 | Monday, August 30, 2004 | Tuesday, August 31, 2004 |
| Sunday, August 29, 2004 | Stop 7 | 345 | Monday, August 30, 2004 | Tuesday, August 31, 2004 |
| Sunday, August 29, 2004 | Stop 19 | 411 | Monday, August 30, 2004 | Tuesday, August 31, 2004 |
| Sunday, August 29, 2004 | Stop 31 | 291 | Monday, August 30, 2004 | Tuesday, August 31, 2004 |
| Tuesday, August 31, 2004 | Washington Park | 246 | Wednesday, September 01, 2004 | Thursday, September 02, 2004 |
| Thursday, September 02, 2004 | New Stone Lake | 1157 | Friday, September 03, 2004 | Saturday, September 04, 2004 |

